

DP-302561

IN THE CLAIMS:

1. (Currently Amended) A catalyst for treating an exhaust gas stream comprising:
a NOx occluding catalyst structure comprising an alkaline earth exchanged zeolite
and having an outer layer,
wherein the outer layer comprises at least about 50 weight percent of an
alkaline earth component, and not more than about 42 weight percent of a rare earth component,
based upon the total weight of the outer layer.
- 2 – 3. (Cancelled)
4. (Previously Presented) The catalyst of Claim 1 wherein the outer layer comprises
an alkaline earth component in an amount of at least about 70 weight percent and a rare earth
component in an amount of not more than about 25 weight percent.
5. (Original) The catalyst of Claim 1 wherein the alkaline earth component is
selected from the group consisting of calcium, strontium, barium, and mixtures thereof.
6. (Original) The catalyst of Claim 5 wherein the alkaline earth component is
calcium.
7. (Original) The catalyst of Claim 1 wherein the rare earth component is selected
from the group consisting of lanthanum, cerium, neodymium, and mixtures thereof.
8. (Original) The catalyst of Claim 7 wherein the rare earth component is
neodymium.
9. (Original) The catalyst of Claim 1 wherein the outer layer comprises a surface
area stabilizer selected from the group consisting of oxides of silicon, titanium, zirconium, and
mixtures thereof.